

RECEIVED
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSee other in-
structions on
reverse sideJAN 40 1993
WELL COMPLETION OR RECOMPLETION REPORT AND LOG *1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other ☐ RECEIVED3. NAME OF OPERATOR
Santa Fe Energy Operating Partners, L.P. 12/30/924. ADDRESS OF OPERATOR
550 W. Texas, Suite 1330, Midland, Texas 79701 O.C.D.

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' FWL and 330' FSL, Sec. 9, T-23S, R-31E

At top prod. interval reported below

At total depth

14. PERMIT NO. API # DATE ISSUED
30-015-27178

15. DATE SPUDDED 10-25-92 16. DATE T.D. REACHED 11-7-92 17. DATE COMPL. (Ready to prod.) 12-24-92 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3359.3' GR

20. TOTAL DEPTH, MD & TVD 8125' 21. PLUG BACK T.D., MD & TVD 8048' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS DRILLED BY A11

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP BOTTOM, NAME (MD AND TVD)*

7954'-8020' (Delaware)

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MSFL/GR; CNL/LDT; EPT

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48	652'	17 1/2"	800 sx C1 "C"	None
8-5/8"	28 & 32	4060'	12 1/4"	2000 sx Lite + 500 sx "C"	None
5-1/2"	15.5 & 17	8125'	7-7/8"	1st: 700 sx C1 "H"	None
				2nd: 500 sx Lite + 400 sx C Neat	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	7703'	7704'

31. PERFORATION RECORD (Interval, size and number)

7954'-8020' (132 holes) 4" csg gun

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7954'-8020'	3300 gals 7 1/2% acid + 198 BS.
	Frac w/ 51,395 gals gel and
	53,575# sand

33. PRODUCTION

DATE FIRST PRODUCTION 12-24-92 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST 12-28-92 HOURS TESTED 24 CHOKE SIZE 14/64" PROD'N. FOR TEST PERIOD 207 OIL—BBL. 202 GAS—MCF. 202 WATER—BBL. 70 GAS-OIL RATIO 975

FLOW. TUBING PRESS. 670 CASING PRESSURE pkr. CALCULATED 24-HOUR RATE 207 OIL—BBL. 202 GAS—MCF. 202 WATER—BBL. 70 OIL GRAVITY-API (CORR.) 43.7°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented during test. Shut-in waiting on pipeline connection

35. LIST OF ATTACHMENTS

Deviation Survey, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Sr. Production Clerk DATE 12/30/92

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	4227	Rotary Sidewall Cores	Sandstone - Gray, Fine to Very Fine Grained	Delaware Sand Cherry Canyon Marker Brushy Canyon Marker Bone Spring	4214	4214
	4242				5258	5258
	4250				6404	6404
	4261				8050	8050
	4271					
	4278					
	4308					
	4316					
	4326					
	4346					
	6029					
	6043					
	6281					
	6286					
	7775					
	7783					
	7823					
	7838					
	7842					
	7847					
	7857					
	7871					
	7961					
	8013					
	8017					

WELL NAME & NUMBER Pure Gold "9" Fed. #1

LOCATION Sec. 9, 23S, 31E Eddy Co., NM
(Give Unit, Section, Township and Range)

OPERATOR Santa Fe Energy, 550 W. Texas, Suite 1330, Midland, TX 79701

DRILLING CONTRACTOR Grace Drilling Company, P. O. Box 13480, Odessa, TX 79768

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>	<u>DEGREES @ DEPTH</u>
0.75 217	2.75 3966		
1.00 652	2.75 3998		
1.00 1110	2.00 4048		
0.75 1442	1.00 4557		
0.75 1705	1.00 5030		
0.75 2018	1.00 5532		
0.75 2334	1.25 6033		
1.00 2651	1.50 6533		
1.00 2961	1.25 7032		
1.00 3243	1.25 7564		
1.75 3431	0.75 8120		
1.50 3561			
2.25 3745			
2.75 3870			
2.75 3932			

Drilling Contractor Grace Drilling Company

By L. V. Bohannon
L. V. Bohannon

Subscribed and sworn to before me this ____ day of _____, 19 ____

Notary Public

My Commission Expires _____ County _____